

ALASKAN *Works* COPPER

Factory
3200 Sixth Avenue South • Seattle, Washington
TWX 910-444-2095
Telex: 32-0318 FAX: (206) 382-7346

Mailing Address:
P.O. Box 3546 • Seattle, Washington 98124
Telephone: (206) 623-5800

May 18, 1992

Ms. Christie J. True
Senior Industrial Waste Investigator
130 Nickerson Street, Suite 200
Seattle, Washington 98109-1658

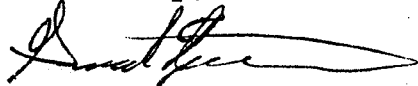
Dear Ms. True:

I am writing you as a follow-up per our conversation of May 15, 1992. On May 2, 1992 Alaskan Copper Works was passivating material, during this project a sample of effluent liquid was taken. When we received the lab results (May 13, 1992) we discovered that the chromium and nickel content exceeded our permit levels. The total amount of effluent for May 2, 1992 was 485 gallons. On May 6th, Peggy Rice of Metro took samples for Heavy Metals and T.T.O. The results of our split sample are attached.

The increased levels were due to improper procedures. The rinse phase for this project was bypassed. Alaskan Copper Management has taken steps to ensure that all parts being passivated are thoroughly rinsed before removal from the tank. We do not expect any problems with Heavy Metals in the future.

If you have any questions or need further information, please call me at 623-5800 x218.

Sincerely,



Gerald Thompson
Environmental Assistant

GT:ggg

attachments

Quality Fabricators of Corrosion Resistant Metals Since 1913

AKC-0014041

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: May 14, 1992

Date Submitted: May 7, 1992

Project: 7238, Metro Split Sample, PO #M24468

RESULTS OF ANALYSES OF THE WATER SAMPLE
FOR TOTAL METALS BY
INDUCTIVELY COUPLED PLASMA (ICP)
METHOD 6010
Results Reported as mg/L (ppm)

<u>Sample #</u>	<u>M24468</u>
<u>Analyte:</u>	
Arsenic	<0.06
Barium	<0.01
Cadmium	<0.02
Chromium	1.2
Lead	<0.05
Mercury	<0.05
Selenium	<0.05
Silver	<0.01
Copper	0.27
Nickel	0.96
Zinc	0.04
Beryllium	
Antimony	
Thallium	

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

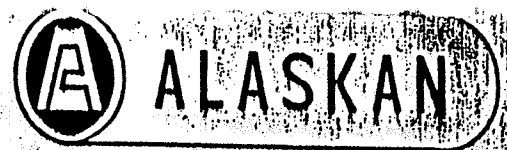
Date of Report: May 7, 1992

Date Submitted: May 4, 1992

Project: 7238, ACW Self Inspection, PO #M24406

**RESULTS OF ANALYSES OF THE WATER SAMPLE
FOR TOTAL METALS BY
INDUCTIVELY COUPLED PLASMA (ICP)
METHOD 6010
Results Reported as mg/L (ppm)**

<u>Sample #</u>	<u>M24406</u>
<u>Analyte:</u>	
Arsenic	<0.2
Cadmium	<0.2
Chromium	31
Lead	<0.2
Silver	<0.2
Copper	2.8
Nickel	20
Zinc	0.3



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Corrosion Resistant Metals Since 1913

MEMO

DATE: MAY 14, 1992

TO: GARY DALTON

FROM: JIM BROWN *[Signature]*

SUBJECT: METRO

ON MAY 2, 1992 THE ACID YARD CREW PROCESSED RECTANGULAR TUBE GUTTERS.
THE PROCEDURE DID NOT INCLUDE THE USE OF THE RINSE TANK. SAMPLES TAKEN
AT THAT TIME SHOW A DISCHARGE VIOLATION.

PLEASE INFORM YOUR SUPERVISORS TO STICK TO THE SAME PROCESSING
PROCEDURES USED EVERY DAY. THE TREATMENT SYSTEM IS DESIGNED TO
HANDLE A LIMITED VOLUME AND DOES A GOOD JOB WHEN USED PROPERLY.

CC: PETE MONSAAS

BILL ROSEN

ASSUME NOTHING